S6	817	"375"/$.CCLS. AND OFDM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 09:49
S7	15	("375"/$.CCLS. AND OFDM) AND "toeplitz"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 09:50
S8	15	("375"/$.CCLS. AND OFDM) AND "toeplitz"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 09:58
S9	0	("375"/$.CCLS. AND OFDM) AND (cycle ADJ2 PN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:00
S10	4	("375"/$.CCLS. AND OFDM) AND ((cycle OR cyclic OR circular OR repeating OR shifted OR time OR offsett) ADJ2 PN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:05
S11	303	"375"/$.CCLS. AND (PN ADJ2 (offset OR shift$ OR cycle OR cyclic OR toeplitz OR circular OR rotary OR time-shift$ OR temporal$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:51
S12	5	OFDM AND (PN ADJ2 (offset OR shift$ OR cycle OR cyclic OR toeplitz OR circular OR rotary OR time-shift$ OR temporal$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:32
S13	0	"temporally offsetting" ADJ2 "spreading code"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:32
S14	5653	"spreading code"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:32
S15	359	"spreading code" AND temporal$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:33

S16	29	("spreading code" AND temporal$) AND OFDM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:35
S17	2	"5,260,967".PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:35
S18	213	"375"/$.CCLS. AND (PN ADJ2 (offset OR cycle OR cyclic OR toeplitz OR circular OR rotary OR time-shift$ OR temporal$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 13:18
S19	213	"375"/$.CCLS. AND (PN ADJ2 (offset OR cycle OR cyclic OR toeplitz OR circular OR rotary OR time-shift$ OR temporal$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 13:18
S20	303	"375"/$.CCLS. AND (PN ADJ2 (offset OR shift$ OR cycle OR cyclic OR toeplitz OR circular OR rotary OR time-shift$ OR temporal$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 15:12
S21	1168483	multipass filter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/24 10:59
S22	54	"matched filter" AND "sidelobe suppression"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/28 14:03
S23	2	"6563856".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/24 11:03
S24	53	"mismatched filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/28 08:39
S25	3	"6563856"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/28 09:18

S26	289	"375"/$.CCLS. AND OFDM AND (FFT AND IFFT)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/28 14:45
S27	2778	"375"/$.CCLS. AND TDMA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/28 14:49
S28	13	("375"/$.CCLS. AND TDMA) AND (adjacent ADJ transmit$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/28 14:46
S29	483	("375"/$.CCLS. AND TDMA) AND ("time slot" SAME receiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/29 09:30
S30	0	("375"/$.CCLS. AND "flat response") AND DSSS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/29 09:31
S31	82	"375"/$.CCLS. AND "flat response"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/29 09:31
S32	190	"375"/$.CCLS. AND CDMA AND OFDM	US-PGPUB; USPAT	OR	OFF	2003/10/29 11:58
S33	8	("375"/$.CCLS. AND CDMA AND OFDM) AND encode$ AND MLSE	US-PGPUB; USPAT	OR	OFF	2003/10/29 12:00
S34	18	("375"/$.CCLS. AND MLSE AND viterbi) AND OFDM	US-PGPUB; USPAT	OR	OFF	2003/10/29 12:01
S35	346	"375"/$.CCLS. AND MLSE AND viterbi	US-PGPUB; USPAT	OR	OFF	2003/10/29 12:36
S36	94	"375"/$.CCLS. AND toeplitz	US-PGPUB; USPAT	OR	OFF	2003/10/29 12:37
S44	117	"cyclic" WITH spread$ WITH code	US-PGPUB; USPAT	OR	ON	2005/04/27 14:31
S45	23	ismail.IN. AND lakkis.IN.	US-PGPUB; USPAT	OR	ON	2005/04/27 14:29
S46	59	S44 AND @ad<"20010101"	US-PGPUB; USPAT	OR	ON	2005/04/28 08:42
S47	7695	"offset" WITH "code"	US-PGPUB; USPAT	OR	ON	2005/04/28 08:42

S48	841	S47 AND 375/130-153.CCLS.	US-PGPUB; USPAT	OR	ON	2005/04/28 09:08
S49	3269	"same" WITH (spread$ WITH code)	US-PGPUB; USPAT	OR	ON	2005/04/28 09:09
S50	1348	S49 AND 375/130-153.CCLS.	US-PGPUB; USPAT	OR	ON	2005/04/28 09:09
S51	897	S50 AND @ad<"20010101"	US-PGPUB; USPAT	OR	ON	2005/04/28 09:10
S52	1018	S50 AND shift$	US-PGPUB; USPAT	OR	ON	2005/04/28 09:11
S53	630	S51 AND shift	US-PGPUB; USPAT	OR	ON	2005/04/28 09:11
S54	686	S51 AND shift$	US-PGPUB; USPAT	OR	ON	2005/04/28 09:11

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3003	375/130-147.CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 15:27
S2	17	375/130-147.CCLS. AND (data ADJ4 divide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 15:27
S3	817	"375"/$.CCLS. AND OFDM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 09:49
S4	130	("375"/$.CCLS. AND OFDM) AND temporal$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 08:53

| S5 | 130 | (US-6473467-$ or US-6459745-$ or US-6459744-$ or US-6452981-$ or US-6452977-$ or US-6430148-$ or US-6411664-$ or US-6377631-$ or US-6370188-$ or US-6370160-$ or US-6366619-$ or US-6359923-$ or US-6351499-$ or US-6344749-$ or US-6330293-$ or US-6327314-$ or US-6320917-$ or US-6320627-$ or US-6317473-$ or US-6317470-$ or US-6304611-$ or US-6301268-$ or US-6278686-$ or US-6269132-$ or US-6240146-$ or US-6226337-$).did. or (US-6208695-$ or US-6205188-$ or US-6188717-$ or US-6148024-$ or US-6144711-$ or US-6137847-$ or US-6631167-$ or US-6628730-$ or US-6628726-$ or US-6628724-$ or US-6621851-$ or US-6618452-$ or US-6611551-$ or US-6587526-$ or US-6587157-$ or US-6584068-$ or US-6574283-$ or US-6563896-$ or US-6553063-$ or US-6539065-$ or US-6539063-$ or US-6480522-$ or US-6477210-$ or US-6130922-$ or US-6130915-$ or US-6128276-$ or US-6125124-$).did. or (US-6111919-$ or US-6104761-$ or US-6074086-$ or US-5966401-$ or US-5956318-$ or US-5914932-$ or US-5903614-$ or US-5862189-$ or US-5862186-$ or US-5828650-$ or US-5825807-$ or US-5818813-$ or US-5799033-$ or US-5796785-$ or US-5787123-$ or US-5757766-$ or US-5732068-$ or US-5673292-$ or US-5657313-$ or US-5425050-$ or US-5357502-$ or US-5307376-$ or US-5274629-$ or US-5191576-$).did. or (US-20030053550-$ or US-20030048856-$ or US-20030043934-$ or US-20030043929-$ or US-20030043928-$ or US-20030035491-$ or US-20030021351-$ or US-20030021332-$ or US-20030016773-$ or US-20030012293-$ or US-20020193146-$ or US-20020191703-$ or US-20020181617-$ or US-20020165626-$ or US-20020154705-$ or US-20020131516-$ or US-20020128740-$ or US-20020122465-$ or US-20020122383-$ or | US-PGPUB; USPAT | OR | OFF | 2003/10/22 09:37 |

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S6	817	"375"/$.CCLS. AND OFDM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 09:49
S7	15	("375"/$.CCLS. AND OFDM) AND "toeplitz"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 09:50
S8	15	("375"/$.CCLS. AND OFDM) AND "toeplitz"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 09:58
S9	0	("375"/$.CCLS. AND OFDM) AND (cycle ADJ2 PN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:00
S10	4	("375"/$.CCLS. AND OFDM) AND ((cycle OR cyclic OR circular OR repeating OR shifted OR time OR offsett) ADJ2 PN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:05
S11	303	"375"/$.CCLS. AND (PN ADJ2 (offset OR shift$ OR cycle OR cyclic OR toeplitz OR circular OR rotary OR time-shift$ OR temporal$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:51
S12	5	OFDM AND (PN ADJ2 (offset OR shift$ OR cycle OR cyclic OR toeplitz OR circular OR rotary OR time-shift$ OR temporal$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:32
S13	0	"temporally offsetting" ADJ2 "spreading code"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:32
S14	5653	"spreading code"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:32
S15	359	"spreading code" AND temporal$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:33

S16	29	("spreading code" AND temporal$) AND OFDM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:35
S17	2	"5,260,967".PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 10:35
S18	213	"375"/$.CCLS. AND (PN ADJ2 (offset OR cycle OR cyclic OR toeplitz OR circular OR rotary OR time-shift$ OR temporal$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 13:18
S19	213	"375"/$.CCLS. AND (PN ADJ2 (offset OR cycle OR cyclic OR toeplitz OR circular OR rotary OR time-shift$ OR temporal$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 13:18
S20	8	"6078576"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/23 11:03
S21	0	"6078576".UREF. AND "6078576".FREF.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/23 11:03
S22	0	"6078576".FREF.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/23 11:03
S23	6	"6078576".UREF.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/23 11:04
S24	1014	"375"/$.CCLS. AND (CDMA OR TDMA) AND ("matched filter" OR "mismatched filter")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/23 12:23
S25	0	("375"/$.CCLS. AND (CDMA OR TDMA) AND ("matched filter" OR "mismatched filter")) AND sidelode ADJ suppres$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/23 12:24

S26	8	("375"/$.CCLS. AND (CDMA OR TDMA) AND ("matched filter" OR "mismatched filter")) AND sidelobe ADJ suppres$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/23 13:21
S27	53	"mismatched filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/23 13:21
S28	391	toeplitz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/24 10:14
S29	19	toeplitz AND OFDM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/24 10:15
S30	9022	TDMA AND CDMA	US-PGPUB; USPAT	OR	ON	2004/07/26 14:45
S31	1571	(TDMA AND CDMA) AND (demultiplex OR de-multiplex OR divide)	US-PGPUB; USPAT	OR	ON	2004/07/26 13:28
S32	344	((TDMA AND CDMA) AND (demultiplex OR de-multiplex OR divide)) AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/26 12:57
S33	90	(((TDMA AND CDMA) AND (demultiplex OR de-multiplex OR divide)) AND @pd<"20000925") AND "375"/$.CCLS.	US-PGPUB; USPAT	OR	ON	2004/07/26 12:57
S34	4461	(TDMA AND CDMA) AND (delay)	US-PGPUB; USPAT	OR	ON	2004/07/26 13:28
S35	0	((TDMA AND CDMA) AND (delay)) AND @pd<"2000025"	US-PGPUB; USPAT	OR	ON	2004/07/26 13:28
S36	994	((TDMA AND CDMA) AND (delay)) AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/26 13:29
S37	152	(((TDMA AND CDMA) AND (delay)) AND @pd<"20000925") AND cyclic	US-PGPUB; USPAT	OR	ON	2004/07/26 13:29
S38	144	TDMA AND CDMA AND (FFT AND IFFT)	US-PGPUB; USPAT	OR	ON	2004/07/26 14:46
S39	70	(TDMA AND CDMA AND (FFT AND IFFT)) AND "375"/$.CCLS.	US-PGPUB; USPAT	OR	ON	2004/07/26 14:46
S40	9	((TDMA AND CDMA AND (FFT AND IFFT)) AND "375"/$.CCLS.) AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/26 14:50

S41	736	OFDM AND FFT AND IFFT	US-PGPUB; USPAT	OR	ON	2004/07/26 15:40
S42	47	(OFDM AND FFT AND IFFT) AND "375"/$.CCLS. AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/26 15:40
S43	12	"5757766"	US-PGPUB; USPAT	OR	ON	2004/07/26 14:59
S44	101	OFDM AND FFT AND "375"/$. CCLS. AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/27 09:18
S45	38	OFDM AND spread$ AND FFT AND "375"/$.CCLS. AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/26 15:54
S46	1	"20030035490"	US-PGPUB; USPAT	OR	ON	2004/07/26 15:54
S47	589	(FFT OR IFFT) AND "375"/$.CCLS. AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/27 09:19
S48	236	((FFT OR IFFT) AND "375"/$. CCLS. AND @pd<"20000925") AND spread$	US-PGPUB; USPAT	OR	ON	2004/07/27 10:49
S49	17	((FFT OR IFFT) AND @pd<"20000925") AND spread$	EPO; JPO	OR	ON	2004/07/27 11:09
S50	0	"sato"".in" AND "shoe".in.	EPO; JPO	OR	ON	2004/07/27 11:12
S51	0	10-084329	DERWENT	OR	ON	2004/07/27 11:13
S52	0	"084329"	DERWENT	OR	ON	2004/07/27 11:13
S53	1892690	JP,10-084329,A("1998")	DERWENT	OR	ON	2004/07/27 11:13
S54	0	JP410084329A	DERWENT	OR	ON	2004/07/27 11:14
S55	0	JP410084329	DERWENT	OR	ON	2004/07/27 11:14
S56	0	"410084329"	DERWENT	OR	ON	2004/07/27 11:34
S57	4	"4641318"	DERWENT	OR	ON	2004/07/27 11:35
S58	20	"5416767"	US-PGPUB; USPAT	OR	ON	2004/07/28 09:26
S59	381	"375"/$.CCLS. AND MLSE AND equalizer	US-PGPUB; USPAT	OR	ON	2004/07/28 09:28
S60	140	("375"/$.CCLS. AND MLSE AND equalizer) AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/28 09:27
S61	49	"375"/$.CCLS. AND MLSE.TI,AB.	US-PGPUB; USPAT	OR	ON	2004/07/28 09:28
S62	14	("375"/$.CCLS. AND MLSE.TI,AB.) AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/28 09:48
S63	295	"frequency domain equalizer"	US-PGPUB; USPAT	OR	ON	2004/07/28 09:49
S64	41	"frequency domain equalizer" AND "375"/$.CCLS. AND @pd<"20000925"	US-PGPUB; USPAT	OR	ON	2004/07/28 09:49

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3003	375/130-147.CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 15:27
S2	17	375/130-147.CCLS. AND (data ADJ4 divide)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/21 15:27
S3	817	"375"/$.CCLS. AND OFDM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 09:49
S4	130	("375"/$.CCLS. AND OFDM) AND temporal$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/10/22 08:53

| S5 | 130 | (US-6473467-$ or US-6459745-$ or US-6459744-$ or US-6452981-$ or US-6452977-$ or US-6430148-$ or US-6411664-$ or US-6377631-$ or US-6370188-$ or US-6370160-$ or US-6366619-$ or US-6359923-$ or US-6351499-$ or US-6344749-$ or US-6330293-$ or US-6327314-$ or US-6320917-$ or US-6320627-$ or US-6317473-$ or US-6317470-$ or US-6304611-$ or US-6301268-$ or US-6278686-$ or US-6269132-$ or US-6240146-$ or US-6226337-$).did. or (US-6208695-$ or US-6205188-$ or US-6188717-$ or US-6148024-$ or US-6144711-$ or US-6137847-$ or US-6631167-$ or US-6628730-$ or US-6628726-$ or US-6628724-$ or US-6621851-$ or US-6618452-$ or US-6611551-$ or US-6587526-$ or US-6587157-$ or US-6584068-$ or US-6574283-$ or US-6563896-$ or US-6553063-$ or US-6539065-$ or US-6539063-$ or US-6480522-$ or US-6477210-$ or US-6130922-$ or US-6130915-$ or US-6128276-$ or US-6125124-$).did. or (US-6111919-$ or US-6104761-$ or US-6074086-$ or US-5966401-$ or US-5956318-$ or US-5914932-$ or US-5903614-$ or US-5862189-$ or US-5862186-$ or US-5828650-$ or US-5825807-$ or US-5818813-$ or US-5799033-$ or US-5796785-$ or US-5787123-$ or US-5757766-$ or US-5732068-$ or US-5673292-$ or US-5657313-$ or US-5425050-$ or US-5357502-$ or US-5307376-$ or US-5274629-$ or US-5191576-$).did. or (US-20030053550-$ or US-20030048856-$ or US-20030043934-$ or US-20030043929-$ or US-20030043928-$ or US-20030035491-$ or US-20030021351-$ or US-20030021332-$ or US-20030016773-$ or US-20030012293-$ or US-20020193146-$ or US-20020191703-$ or US-20020181617-$ or US-20020165626-$ or US-20020154705-$ or US-20020131516-$ or US-20020126740-$ or US-20020122465-$ or US-20020122383-$ or | US-PGPUB; USPAT | OR | OFF | 2003/10/22 09:37 |

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